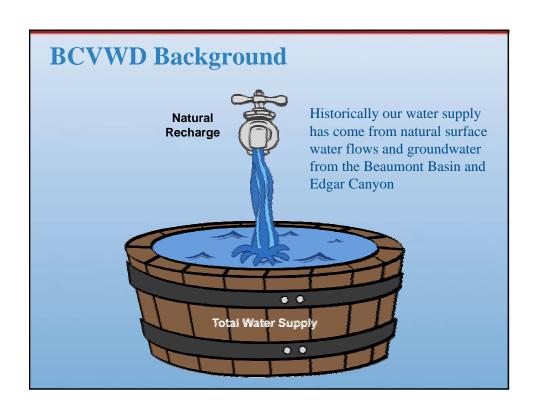
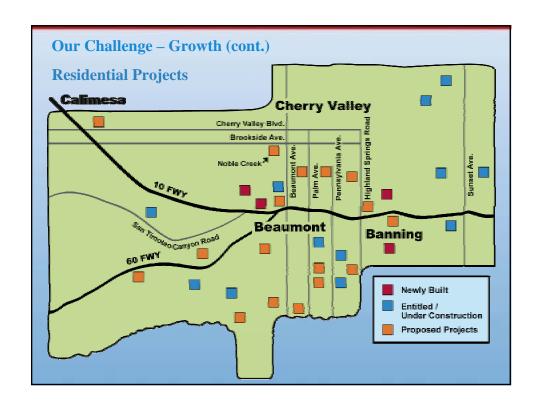


Established in 1919 Present service area is 15 square miles in Riverside County, Beaumont and Cherry Valley Presently serving 10,000 service connections Connections have increase by 60% since 2000









District Water Demand

BCVWD faces a rapidly increasing demand for water

- Now installing up to 150 meters per month
- ❖ Capital Budget for 2005 is \$21.5 million
- Additional \$50 million to be spent on the water system by 2010
- ❖ Must meet a projected water demand of 29,366 AFY by 2025



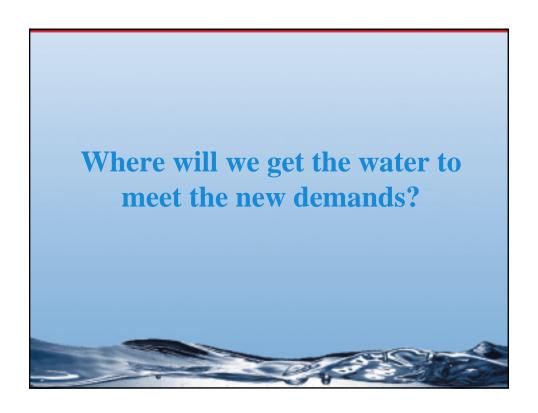
Water Demand (cont.)

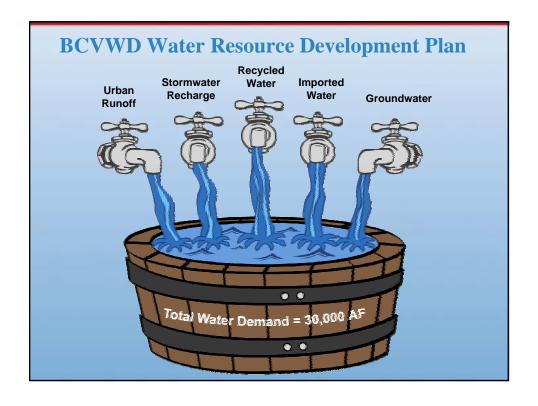
New Recreational Demand

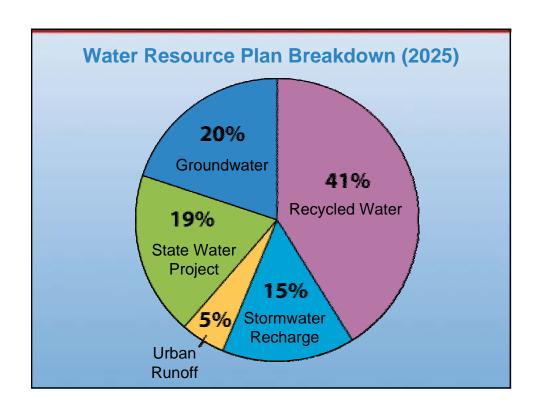
Three new golf courses since 1999

- ❖ Increases area demand by 3,100 acre-feet a year
- Currently using potential drinking water for irrigation
- Other existing irrigation demands require an additional 3,000 acre-feet of groundwater per year



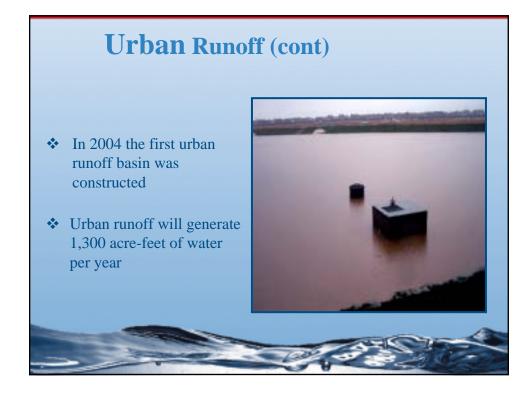


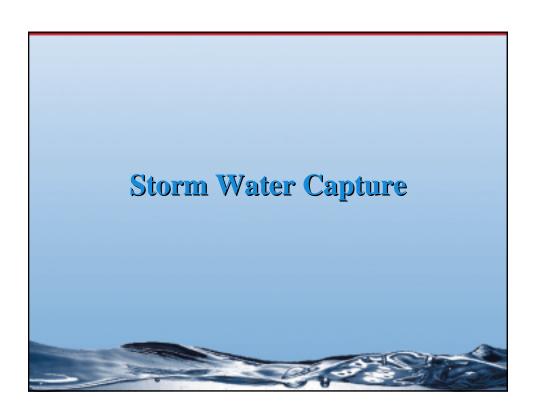


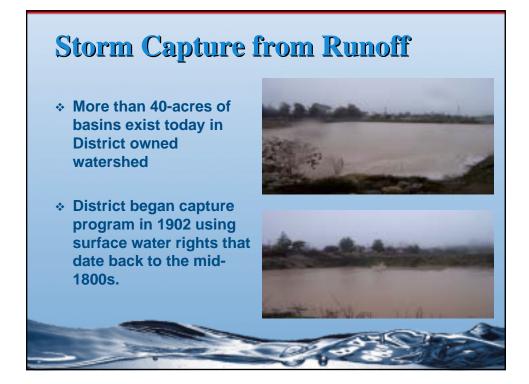


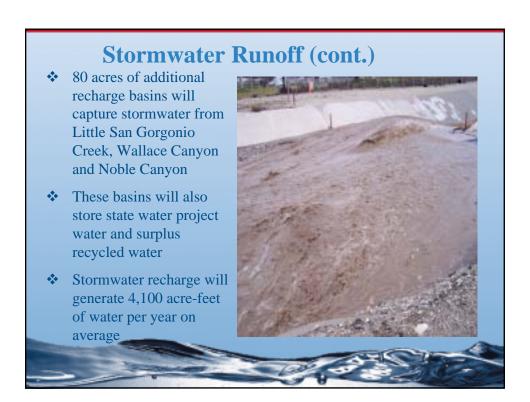


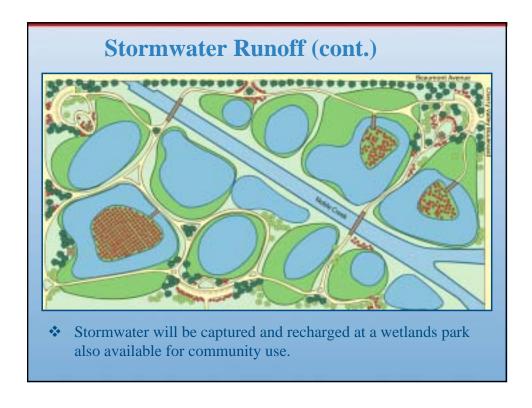










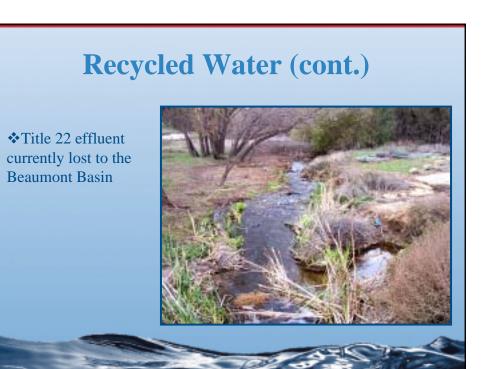




Recycled Water (cont.)

- ❖ Partnership between BCVWD and City of Beaumont (started in 1993)
 - ✓ City built and operates treatment facility with a current capacity of 1.5 million gallons/day
 - ✓ Ultimate treatment facility expansion is planned to be 8.5 million gallons/day
 - ✓ City of Beaumont and BCVWD sign a joint financing agreement to help pay for new facilities and new water sources
- ❖ Total recycled system cost of \$30 million at build out
- ❖ Produces 6,000 AFY of recycled water by 2025





Recycled Water (cont.)

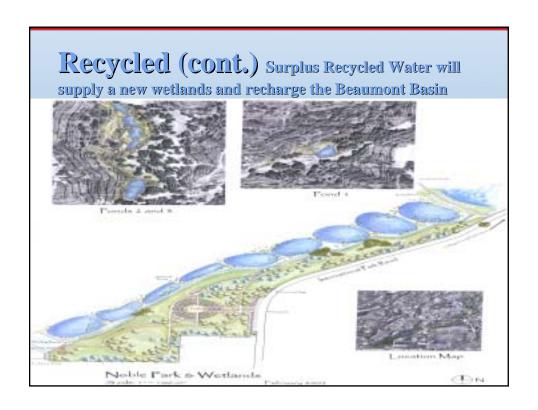
Treated Wastewater – Half of what goes in the meter gets flushed.

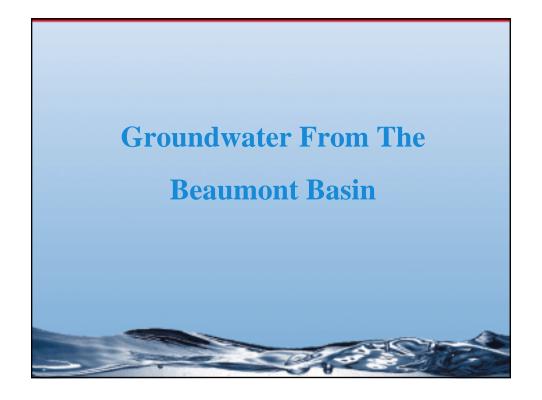
- * Residential growth will increase recycled water production 500% by 2025.
- Provides water for:

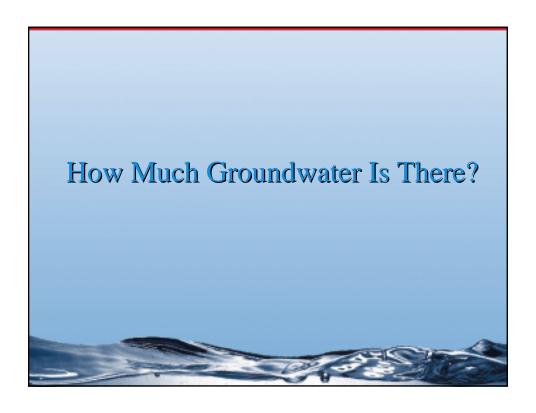
 - Golf Courses Landscaping
 - Agriculture
- Parks
- Greenbelts
- Schools

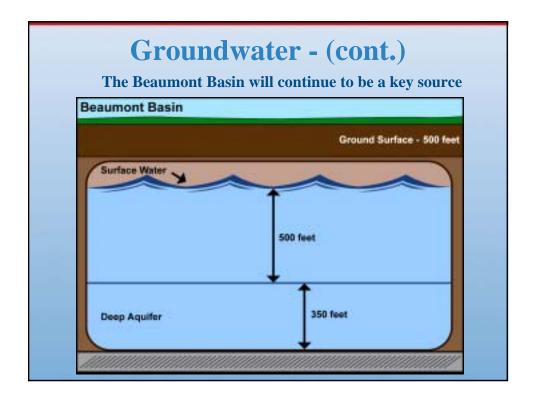


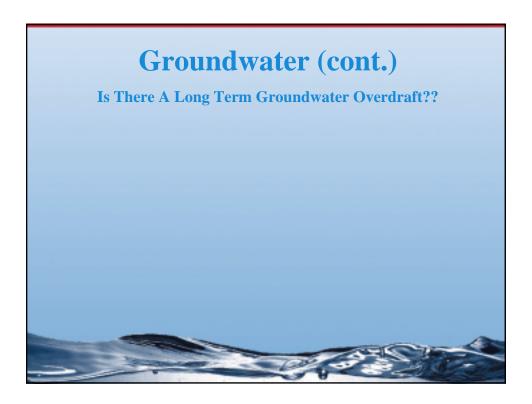












Managing Our Groundwater (cont.)

BCVWD Helped found a new group, the San Timoteo Watershed Management Authority (STWMA), to harness regional water resources and develop a management strategy for our local resources (2001)

STWMA member agencies include:

- City of Beaumont
- BCVWD
- South Mesa Mutual Water Company
- Yucaipa Valley Water District

STWMA filed to adjudicate main groundwater basin in 2003







State Water Project

- The San Gorgonio Pass Water Agency is the local contractor
 - ❖ Pass Area entitlement is 17,300 acre-feet



State Water Project

Recharging The Basin

- ❖ \$651/unit fee charged to new development for the purchase of additional SWP water beyond current entitlement
- ❖ Fee will generate \$24.7 million to purchase entitlement through 2025
- ❖ Additional 5,000 AFY of imported water will help meet future demand





How do we pay for all of this?

- New development
 - ✓ System development fee of \$7,059/unit will generate \$268 million at buildout



Project Costs

Project	Cost	Water	Funding
Stormwater Recharge	\$20 Million	4,100 AFY	System Development Fee
Recycled Water	\$30 Million	6,000 AFY	System Development Fee
SWP	\$32.9 Million	5,000 AFY	District Facility Fee
Groundwater	\$45.9 Million	5,300 AFY	System Development Fee
Urban Runoff	\$5 Million	1,300 AFY	Development Impact Fee



Final Thoughts

- ❖ THE CHALLENGE We're experiencing a growth boom that will significantly increase water demand.
- ❖ THE PLAN BCVWD's Water Resource Development Plan will maximize use of all local water sources to meet development demands reducing reliance on State Project supplies.
- ❖ THROUGH 2025- With the BCVWD Water Resource Plan in place, District will meet all water demands and have 90,000 acre feet in storage for future demands

